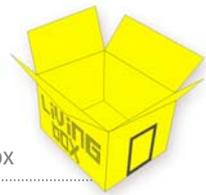


# Prefabricated Living Unit

*Competition Announcement*

Sponsored by



INTERNATIONAL DESIGN COMPETITION  
**“LIVING BOX”**  
**Prefabricated Living Unit**

Organized by:



Supported by:



Consiglio Nazionale  
Ingegneri



Ministero Infrastrutture e Trasporti



BEST (Politecnico di  
Milano)

Sponsored by:



“ *Living doesn't only mean “being on earth” but also “being under the sky”* ”

M. Heidegger

Inseparable relations link man to his space; but what does space represent and what turns a simple space into a “place”? Heidegger says “To live”

The age we live in, compels man to face a series of social and cultural changing that let him rediscover the “multiplicity” of dimensions that characterise his living. Fast transformations and incessant social-cultural flows of contemporary ages let, then, formulation of a new concept of “living” being necessary: a new thought on man and “spaces” he wants to live in.

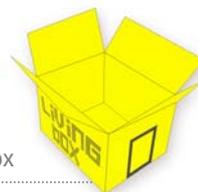
Concept of “House” itself is no more connectable to traditional model synonymous of permanence and stability. Contemporary house can easily result into a “temporary” home, emblem of mobility that characterise our age.

**LIVING BOX**

The “Living Box” shall overcome the contrast between “stable” and “temporary” that, as underlined by Le Corbusier - great master of Modern Movement but mostly a punctual studios of new ways of living- necessarily emerges from temporary living.

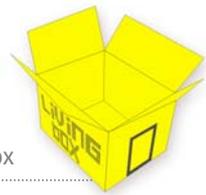
It will, then, answer to the need for an easy and fast change, being able, at same time, to state the presence of a man in a context





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## 1. Promoter Institution

Edilportale.com, in collaboration with Rockwool, Ursa Italia (Uralita Group), Sebach, Aermec and Europa Metalli, and with support of Ministero delle Infrastrutture e dei trasporti, Consiglio Nazionale degli Ingegneri, BEST (Politecnico di Milano) announces the international design competition “Living box – Prefabricated Living Unit”

## 2. Subject of Competition

Subject of competition is the design of a prefabricated living unit for housing, transportable on wheel vehicle or by air, which can be used even as permanent house and which can be able to comply with contemporary lifestyle in terms of living comfort and architectural language.

It is attended that answers to design subject will consist in one of two following typologies of prefabricated units:

- **Living unit as preassembled block/blocks**
  - Unit made by preassembled block/blocks whose dimensions allow transport on roads, rails or by air. Dimensions can be related (but it's not compulsory) to standard dimensions of containers for commercial transportations that automatically comply with transportability problems and don't need special vehicles. Final unit might be obtained by a single block or by assembling and connecting more than one block.
- **Living unit as assemblage of light prefabricated small elements**
  - Unit made by technological systems relying on small prefabricated elements that can be assembled on site according to the need for special dimensions of living units (when such dimensions don't allow transportation with common vehicles) or when structural conception of technological system doesn't allow handling of preassembled blocks (usually when system doesn't provide for a self-foundation basement)

### Dimensions an Transport

There is no specific prescription about module dimensions; designing attention shall be directed toward transportability; specific vehicles for transport and eventual requirements shall be specified.

### Materials

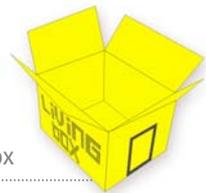
Every construction material can be used in the project with preference toward innovative materials in terms of lightness, cheapness and environmental sustainability. Companies that collaborate to organisation of the competition (see first page of announcement) suggest one or more products and technological systems that are considered optimal and fully complying with general criteria of evaluation of projects (see further). The list and related technical cards of such products and systems can be seen and downloaded from the webpage of the competition: [www.edilportale.com/livingbox](http://www.edilportale.com/livingbox) . Use of such products in the project is anyway not compulsory.

## 3. Submission of proposals and design

Design proposals shall be sent through apposite web module that is available at following web address: [www.edilportale.com/livingbox](http://www.edilportale.com/livingbox)

Username and password for signing in, will be provided after registration to the competition.

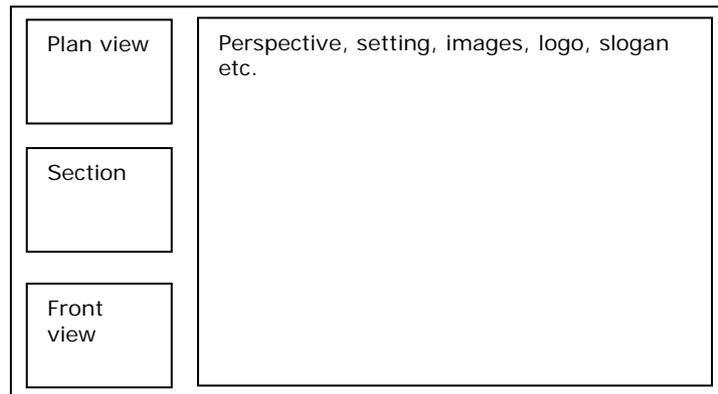
### Design drawings



Candidates shall explain the general idea of the design project by mean of drawings that shall be explicative as much as possible in order to let fully comprehend technological and design choices, without necessarily going into technical and constructive details when these are not strictly necessary to understand systems adopted. It's not requested an executive design but the project of an idea that might be developed in detail in a second moment.

Series of drawings shall comply with following scheme:

- **1 drawing** according to following scheme, that will be used for general final presentation;



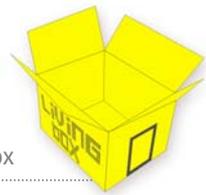
- Format: Jpeg or Gif, max resolution 300 DPI, max file dimension 5 Mbytes, max drawing dimension 1600 x 1200 pixel; filename: "nameofthegroup-1.jpg" or "nameofthegroup-1.gif"
- **Up to 5 drawings** (images or image compositions), that might contain sketches necessary to fully understanding the design project, eventual construction details, innovation features and the preview of different settings of the prototype in several environment.
  - Format Jpeg or Gif, max resolution 72 DPI, max file dimension 3 Mbytes each, max drawing dimension 1600 x 1200 pixel; filename: "nameofthegroup-2,3,4,5.jpg" or "nameofthegroup-2,3,4,5.gif"
- **Descriptive relation**
  - Word (max 5 pages)
- **Brief presentation of Designer/Group of designers**
  - Word with text and pictures of designer and/or projects (max 1 page)

It is also possible to send all the files on a CD-Rom (PC compatible) to:  
**edilportale.com S.p.A.**, Via Guarnieri 24 – 70126 Bari – Italia.

#### 4. Challenger requirements

Competition is mainly directed to architects, engineers and designers. It's also encouraged participation of students from Architecture and Engineer Faculties and from Schools of Industrial design and Interior design.

Participation can be individual or in a group: in second case, when registering, it twill be necessary to indicate the name of the group and the name of one representative as head of the group and delegate to represent the group; to any effect of this competition a challenging group of designers will collectively have same rights of a single challenger



## 5. Registration and submission of projects

Registration to competition shall be done **no later than 30/11/2005** using specific web module available to following web address: [www.edilportale.com/livingbox/iscrizione.asp](http://www.edilportale.com/livingbox/iscrizione.asp)

**Registration is free.**

Publication of Results, Projects and Assignment of prizes to winner will be done no later than 31/12/2005

## 6. Questions and answers

Eventual questions shall be addressed via e-mail to [eventi@edilportale.com](mailto:eventi@edilportale.com)

## 7. Competition Documents

Competition document is fully available at following web address: [www.edilportale.com/livingbox](http://www.edilportale.com/livingbox)

## 8. Jury committee and criteria for evaluation of proposals

A jury committee will be nominated by organisers and will include experts from sponsor Companies and Supporter Institutions. The jury will examine all projects and will declare the winner. The evaluation will be done by use of a numerical ranking (1 to 100) made by composition of following values:

- Quality of design and architectural style: max 30 pt
- Living Comfort: max 30 pt
- Innovative features: max 20 pt
- Cost containing: max 10 pt
- Transportability: max 10 pt

Evaluation of the jury is unique and unappealable.

## 9. Prizes

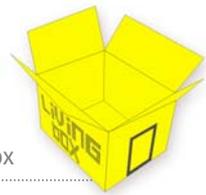
Jury committee will assign three prizes according to final ranking:

- **1° Prize**
  - o **€ 3.000,00 + Complete Software Suite by ACCA Software:** Autorapidus (CAD), EDILUS (Structural Analysis), PRIMUS SYSTEM (Quantity Surveying) for a total value amount of **€4.820,00**
- **2° Prize**
  - o **€1000,00**
- **3° Prize**
  - o **€500,00**

## 10. Project publication

Soon after proclamation of winners a digital publication containing projects and results of the competition will be sent to all users of edilportale.com (140.000 designers, construction companies and suppliers) thus encouraging cultural and business contacts between designers and companies working on edilportale.com

With registration to competition and sending of drawings, participants automatically give to edilportale.com S.p.A. the copyrights of using the works and relative images for all publications connected to the aims of the competition.



## 11. Project requirements

Proposed project shall be original and shall show innovative features. Specifically the author ensures that no other than him has copyrights on his project. Challengers are responsible for their own project in relation to eventual violation of patents and copyrights and are committed to consider edilportale.com S.p.A. not reliable for any costs connected to their eventual defence in controversy.

Participants will keep their copyrights as authors of their designs so that each project, independently from results of competition, will eventually be object of a further specific contract for using copyrights and for using the design for industrial production.

## 12. Reasons for exclusion

Following reasons will be valid for excluding challengers from competition:

- **Arrival of inscription and documentation later than specified deadlines.**
- Missing or incomplete subscription of Registration
- Missing or incomplete presentation of drawings required at point 5 of this announcement

## 13. Incompatibility

- Each challenger can't take part in more than one group and cannot participate both as a single designer and as a member of a group.
- Each challenger cannot propose more than one project

## 14. Competition agenda

1	Publication of Competition announcement	30/4/2005
2	Deadline for registering and sending drawings	30/11/2005
4	Results, publication and communication of winners	31/12/2005

## 15. Organizing committee

### Edilportale.com Spa

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Tel: +39-080 5543553

Fax: +39-080 5417632

**E-mail:** [eventi@edilportale.com](mailto:eventi@edilportale.com)

**Website:** [www.edilportale.com](http://www.edilportale.com)

**Competition Web address:** [www.edilportale.com/livingbox](http://www.edilportale.com/livingbox)

**IMPORTANT:** all enquiries and questions on the competition have to be addressed only via email at [eventi@edilportale.com](mailto:eventi@edilportale.com); no telephonic assistance will be provided